MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MAY 1952

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

MAY 1952

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	54.9	56.7	57.7	56.4	23.0	15.7	19.4	23.0	17.3	19.9
2	57.4	56.7	57.2	57.1	22.6	16.3	20.7	21.7	18.6	20.3
3	57.7	57.5	57.7	57.6	23.8	17.3	20.9	22.6	18.3	20.6
4	57.6	57.1	58.0	57.6	23.4	15.7	20.7	22.8	18.4	20.6
5	58.6	58.9	59.2	58.9	24.8	16.7	21.1	24.1	18.6	21.3
6	59.7	60.4	61.7	60.6	23.4	17.2	21.0	22.8	18.7	20.8
7	62.1	62.4	63.2	62.6	24.4	17.9	22.2	23.6	19.1	21.6
8	62.5	61.3	61.4	61.7	25.7	17.7	22.4	25.7	19.4	22.5
9	59.9	59.3	59.1	59.4	25.6	18.1	22.4	25.4	20.0	22.6
10	58.9	58.2	58.8	58.6	25.3	18.9	23.8	24.3	20.5	22.9
11	60.0	59.7	59.7	59.8	29.4	20.5	23.7	27.1	20.9	23.9
12	60.1	59.9	58.4	59.5	30.1	20.8	26.7	28.6	24.3	26.5
13	57.3	56.7	55.1	56.4	31.3	21.0	27.8	28.9	26.3	27.7
14	55.3	55.9	56.9	56.0	26.9	18.6	22.8	25.4	21.4	23.2
15	58.3	59.3	60.0	59.2	26.3	17.1	22.5	25.8	20.1	22.8
16	60.1	59.7	59.4	59.7	26.4	17.8	21.9	25.6	19.4	22.3
17	57.2	57.0	54.8	56.3	24.9	18.2	23.5	21.8	22.3	22.5
18	57.5	57.9	58.7	58.0	25.7	17.7	22.2	25.2	20.0	22.5
19	59.3	59.6	60.7	59.4	25.6	16.6	21.3	24.7	18.3	21.4
20	62.0	62.7	63.1	62.6	25.9	16.3	22.2	24.2	18.8	21.7
21	62.4	60.4	58.5	60.4	25.9	20.5	22.2	24.0	21.4	22.5
22	57.5	58.4	59.4	58.4	27.5	19.5	24.9	25.4	21.4	23.8
23	59.0	58.5	59.0	58.8	26.2	19.0	23.1	25.3	20.8	23.1
24	59.3	58.7	58.7	58.9	26.5	18.9	22.8	26.5	20.3	23.2
25	56.3	54.7	57.5	56.2	31.7	20.2	25.8	27.7	24.2	25.9
26	60.5	60.3	61.0	60.6	26.3	18.1	23.6	25.7	19.4	22.9
27	61.6	61.5	61.8	61.6	26.3	18.3	22.8	25.6	19.4	22.6
28	61.3	60.5	60.8	60.9	26.0	17.9	21.1	25.6	19.4	22.0
29	60.9	60.6	60.9	60.8	25.5	17.1	22.8	25.2	19.3	22.4
30	61.3	61.0	61.3	61.2	25.3	18.9	23.3	24.4	20.6	22.8
31	61.3	60.9	60.9	61.0	27.6	20.3	24.9	27.1	22.8	24.9
	59.28	59.11	59.37	59.25	26.11	18.22	22.79	25.03	20.30	22.70

Barometer, range for month 763.2 mm. — 754.7 mm
„ 71-yr. average for month 759.50 mm.
Thermometer, range for month 31.7°C — 15.7°C
„ 71-yr. average for month 22.48°C
Rain total for month 0.25 mm.
„ 71-yrs average for month 18.15 mm.
„ Total, Sept. 1st. to end of month 1160.26 mm.
„ 71-yrs. average. Sept. 1st. to end of month 888.15 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	16.8	17.5	15.3	16.5	74	64	79	72	10.7	113.0	
2	16.4	17.8	16.0	16.7	69	69	78	72	10.9	142.0	
3	17.1	18.0	17.6	17.6	70	66	83	73	11.3	484.0	
4	17.6	17.5	17.6	17.6	72	63	83	73	11.4	351.0	
5	17.1	17.8	17.1	17.3	68	61	82	70	11.2	126.0	
6	18.3	19.3	18.9	18.8	72	69	88	76	11.2	127.0	
7	18.6	19.5	18.9	19.0	70	69	88	76	12.7	95.0	
8	19.8	20.8	19.6	20.1	75	65	87	76	12.6	196.0	
9	20.4	21.5	20.3	20.7	75	66	88	76	9.4	111.0	
10	21.5	22.4	30.1	24.7	73	73	87	78	12.1	290.0	
11	21.5	21.5	14.9	19.3	73	60	59	64	12.4	135.0	
12	13.8	18.6	17.4	16.6	39	49	57	48	12.2	122.0	
13	21.7	24.2	13.1	19.7	58	60	41	53	10.6	229.0	
14	22.4	23.5	17.1	21.0	80	72	69	74	11.7	607.0	
15	20.4	20.8	20.3	20.5	77	64	89	77	11.9	225.0	
16	18.4	19.6	15.6	17.9	72	60	69	67	12.4	116.0	
17	20.1	17.8	12.3	16.7	71	70	46	62	6.0	515.0	
18	17.4	16.9	17.4	17.2	65	55	74	65	10.1	433.0	
19	17.7	14.5	12.8	15.0	72	48	60	60	9.3	143.0	
20	14.5	13.2	14.5	14.1	54	45	67	55	12.8	204.0	
21	12.3	19.0	21.4	17.6	46	64	82	64	8.9	465.0	
22	21.9	21.5	20.7	21.4	69	67	83	73	12.3	430.0	
23	20.5	20.8	27.9	23.1	74	63	79	72	12.0	753.0	
24	19.9	21.3	19.7	20.3	71	61	84	72	10.4	298.0	
25	20.2	19.7	20.3	20.1	62	53	70	62	8.8	243.0	
26	16.5	18.3	15.1	16.6	58	53	66	59	9.4	227.0	
27	14.1	14.1	15.6	14.6	49	44	69	54	10.0	262.0	
28	14.9	15.9	15.1	15.3	61	50	67	59	11.5	320.0	0.25
29	14.1	15.2	15.1	14.8	49	50	66	55	11.4	211.0	
30	16.5	17.4	17.0	17.0	58	57	71	62	13.1	478.0	
31	16.3	20.2	19.3	18.6	54	55	70	60	11.0	243.0	
	18.02	18.91	17.87	18.27	65.5	60.2	73.6	66.4	11.02	280.45	0.08

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	6cu-st	4cu	6ci	5.3	2n	2nw	1w	light	
2	5cu-st	5cu-st	4cu-st	4.7	2e	2n	1n	,,	
3	6cu-st	7cu-st	0	4.3	3sw	4sw	2nw	,,	
4	3cu	8cu-st	0	3.7	3sw	3sw	3sw	,,	
5	2cu	8cu-st	0	3.3	2sw	2nw	1ne	,,	H., a m.
6	3st	5st-ci	3st	3.7	1n	3n	1n	light	
7	0	1cu	6st	2.3	1ne	1n	1n	calm	H., a.m.
8	5cu	4st-ci	0	3.0	2sw	2w	1w	light	
9	7ci-st	6ci	0	4.3	2sw	1w	1w	,,	H., all day
10	6st	5ci	0	3.7	1n	3n	2n	,,	H., a.m.
11	0	0	0	0.0	2sw	1n	1n	light	H., a.m.
12	0	0	0	0.0	1se	1n	1ne	,,	
13	0	0	0	0.0	2ne	2ne	1ne	,,	
14	7ci	0	0	2.3	4sw	3sw	1sw	,,	H., all day
15	2ci	6cu-ci	0	2.7	3sw	2sw	1sw	,,	
16	2ci	0	0	0.7	1sw	1w	1w	light	H., all day
17	10st	10cu-st	10cu-ni	10.0	3ne	4n	0	,,	H., a.m.Tr., T., p.m
18	2cu	0	7cu-st	3.0	2sw	3sw	1sw	,,	
19	9cu-ni	8cu	4cu	7.0	1sw	1 w	1w	,,	H., Tr., a.m.
20	2cu	0	0	0.7	2sw	1nw	1n	,,	
21	0	8st-ci	0	2.7	1ne	3ne	3ne	light	
22	0	0	0	0.0	3w	2n	1sw	,,	H., all day
23	0	0	1cu	0.3	4sw	3sw	2sw	,,	H., all day
24	0	0	0	0.0	3sw	2sw	0	,,	H., all day
25	10cist	10ci-st	10st	10.0	1s	1sw	3w	,,	H., all day
26	5cu	4cu-ci	7cu	5.3	2sw	2w	1w	light	Tr., a.m.
27	7cu	3ci	3cu-st	4.3	3sw	2sw	1w	,,	
28	6cu-ni	5cu-ci	7cu	6.0	2s	2w	2sw	,,	Tr., p.m.
29	5cu-ci	5cu	2cu	4.0	1sw	2sw	1w	,,	
30	0	1cu	0	0.3	1sw	2nw	3n	,,	H., a.m.
31	0	7ci	10st	5.7	2n	2n	1ne	,,	

Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	4	4	1	1	2	18	1	0	0	31
14:30	9	2	0	0	0	10	6	4	0	31
20:30	7	5	0	0	0	7	9	1	2	31
Total	20	11	1	1	2	35	16	5	2	93

Number of day with rain 1, fog 0, thunderstorms 1, gale 0.
71 yr. av. number of days with rain during mouth 3.08